

NORTH CAROLINA BASINWIDE MANAGEMENT PLAN  
 BASINWIDE WATER QUALITY PLAN  
 BASINWIDE WETLAND AND RIPARIAN RESTORATION PLANS

Date:	1990
Organizational Structure:	North Carolina Division of Water Quality, Department of Environment and Natural Resources Management for information compilation. Teams established for 17 basins. Separate but coordinated plans for water quality and wetland/riparian restoration.
Consensus:	N/A Public comment incorporated into plans. No formal advisory group.
Coordinator:	State staff. Plan development primarily by agencies and Environmental Management Commission.
Components-Water Quality	<p>Introduction-(water quality plan)goal to coordinate water quality management: permitting, modeling, planning, distribute assimilate capacity. Allow for sound economic growth. Establish TMDLs. Rationale includes improved efficiency and consistency with Clean Water Act requirements.</p> <p>General basin description-acres of wetlands, other water resources, assessment of water quality and biological communities, existing pollutant sources and loadings, sources of information.</p> <p>Targeted major water quality concerns-highly valued resources and impaired resources.</p> <p>Long range management goals, including assimilative capacity and control practices.</p> <p>Procedures for developing plans-includes organizational chart</p> <p>Remaining issues and Resource/research needs</p> <ul style="list-style-type: none"> <li>Administrative /regulatory</li> <li>Innovative approaches</li> <li>Standardized format</li> <li>Centralized data management</li> <li>Criteria for Prioritizing problems and critical issues</li> <li>Criteria for distributing assimilative capacity</li> </ul>

#### Technical needs

- Terrestrial/aquatic interactions
- Expanded water quality models
- Improved estimates of pollutant loadings
- Biostatistician for designing bio-monitoring and bio-criteria

#### Process:

Law established North Carolina Wetland Restoration Program. Plans required for 17 basins. Site selection based on information in corresponding water quality plan. Plans updated every 5 years. Public comment received during workshops on water quality plan. No public meeting for wetland restoration plan-public comment solicited through mailing list.

#### Components Wetlands and Riparian Restoration

##### Introduction

Overview-goals to improve water quality through wetland restoration; achieve net increase in wetland acreage and functions; comprehensive natural resources protection; consistent wetland mitigation requirements.

Significance of wetlands and riparian resources

Need for restoration

Basinwide plans

- Approach

- Information include

Prioritization Process and Methodology

- Restoration goals

- Selection of priority watersheds

Individual restoration sites-GIS results, field verification, cost assessment, cost-benefit analysis, opportunity to provide benefits

Individual plan

- Wetland communities

- Wetland losses

- Maps

- Text discussion of sub-basins and problems

- Tables-GIS-derived values for land use areas, stream miles, fisheries, other habitat data

Appendices-threatened and endangered species, surface water classifications, wetland community types, fisheries management plan